

# Flexivalve Pinch Valve

**FLEXIVALVE 'HDE' Pinch Valves** have been specifically designed to handle heavy duty media such as corrosive and abrasive slurries, powders, or granular substances, and are particularly suitable for bulk solids or solids in suspension in air or liquids. In addition, FLEXIVALVE 'HDE' series heavy duty Pinch Valves are designed to handle these aggressive applications at working pressures of up to 60 bar.

**FLEXIVALVE 'HDE' Pinch Valves** are manufactured in an ENCLOSED BODY DESIGN, with the valve body acting as a further safety precaution in the event of a sleeve rupture. The body will contain the resultant burst and release of pipeline media, preventing injury, or damage to equipment or the environment. The sleeve contains the pipeline media, isolating it from all metal parts of the valve. 'Shutoff' is affected by clamping or pinching the sleeve, allowing heavy duty media to be effectively controlled. In addition the flow in the partially closed position is smooth. In the fully open or fully closed positions there is little or no wear.



- 25 years' experience in design and manufacture of Pinch Valves
- Pinch Valve Sleeve design incorporates a 3:1 safety factor over the entire range
- Enclosed body design for higher pressure applications
- Valve Body strength higher than that of the sleeve for added protection
- Designed to accept all forms of actuators including Pneumatic, Electric and Hydraulic actuators
- Closing mechanism can be changed without having to remove the valve from the pipeline
- Internal slots in the Sleeve ensure Bi-directional drop tight closure over the entire pressure range
- Full bore, unrestricted flow
- Centre line closure ensuring drop tight bi-directional shut off, extending sleeve life
- Flexible sleeve allows 'self-cleaning' which eliminates in line scaling and blockage
- Offers easy maintenance and reduced cost of ownership



Dimensions							
DN	A1	A2	B	C	D	L	Mass (kg)
100	380	350	400	315	140	312	46
150	540	520	400	420	205	415	95
200	730	680	650	530	300	530	270
250	850	780	800	800	350	645	330
300	1000	900	800	760	390	760	435
350	1150	1000	1000	860	465	990	750
400	1300	1200	See mechanically assisted specifications	1050	520	1220	See mechanically assisted specifications
450	1400	1250		1120	550	1350	
500	1500	1350		1250	600	1500	
600	1800	1600		1400	660	1800	

Mechanical assistance is advised on valves larger than DN300 at pressures exceeding 10 bar. The weights and dimensions in these tables are approximate and may change with different pressure ratings, actuators and accessories.

